

II. CLAIM AMENDMENTS

1. (Currently Amended) A keyboard arrangement including several keys for inputting characters by pressing the keys, the keyboard arrangement comprising:

at least one key actuatable in at least two different ways depending on a pressure distribution thereon;

a detector for detecting the pressure distribution on the at least one key, wherein predetermined characters are related to each of the at least one keys, and one of the predetermined characters of a pressed key is selected on the basis of a sectional pressure distribution of the pressed key, and the selected character is included in a first candidate group of characters,; and

a processor operable to ~~determine unambiguously, a first candidate group of at least one alphabetic character based on the pressure distribution, and to perform a first comparison of the first candidate group of alphabetic characters to a storage of words of a defined language, and to accept one of the alphabetic characters of the first candidate group of alphabetic characters as a desired character if the first comparison is successful,~~

wherein the processor is further operable to ~~unambiguously select a second candidate group of at least one alphabetic character based on the pressure distribution if the first comparison is unsuccessful, and to~~ automatically perform a second comparison of ~~the~~ a second candidate group of alphabetic characters to the set of stored words if the first comparison is unsuccessful, where the second

character group includes a second character of the predetermined characters related to the pressed key.

2. (Previously Presented) The keyboard arrangement of claim 1, wherein the first and second comparisons include performing linguistic disambiguation.

3. (Previously Presented) The keyboard arrangement of claim 1, further comprising substantially a QWERTY-keyboard.

4. (Previously Presented) The keyboard arrangement of claim 1, wherein the detector includes at least two pressure sensitive and/or touch sensitive detectors attached to different locations of the key.

5. (Previously Presented) The keyboard arrangement of claim 1, wherein the detector includes a movement sensitive detector attached to the key.

6. (Previously Presented) The keyboard arrangement of claim 1, wherein the at least one key is triangular in shape or has three arms.

7. (Previously Presented) The keyboard arrangement of claim 6, wherein the detector includes means for detecting the pressure of the alternative corners/arms of the key.

8. (Original) A keyboard arrangement in accordance with claim 1, characterised in that the keys form two rows of keys and the keys of the two rows are interlaced.

9. (Original) A keyboard arrangement in accordance with claim 8, characterised in that the keys form a first row of keys and a second row of keys, the two rows of keys comprising three rows of characters marked on the keys, wherein the upmost row of

characters is marked to the first row of keys, the middle row of characters is marked alternately to the first and the second row of keys and the lowest row of characters is marked to the second row of keys.

10. (Original) A keyboard in accordance with claim 1, characterised in that it is a keyboard of a mobile station.

11. (Original) A keyboard in accordance with claim 1, characterised in that it is a keyboard of a computer.

12. (Currently Amended) A method for inputting characters with a keyboard comprising:

~~unambiguously determining a first character candidate group of at least one alphabetic character from a pressure distribution on a key actuatable in at least two different ways depending on the pressure distribution relating~~
predetermined characters to each of one or more keys;

selecting one of the predetermined characters on the basis of a sectional pressure distribution of a pressed key;

including the selected character in a first candidate group of characters;

comparing the first character candidate group of ~~at least one alphabetic character~~ characters to a set of stored words;

accepting one of the ~~alphabetic~~ characters of the first candidate group of ~~alphabetic~~ characters as a desired character if the comparison of the first character candidate group to the set of stored words is successful;

~~unambiguously determining a second character candidate group of at least one alphabetic character from the pressure distribution on the key automatically including a second character of the predetermined characters related to the pressed key in a second character group if the comparison of the first character candidate group of at least one alphabetic character to the set of stored words is unsuccessful; and~~

~~automatically performing a comparison of the second character candidate group of at least one alphabetic character to the set of stored words.~~

13. (Currently Amended) The method of claim 12, wherein the pressure distribution is provided by pressing alternative corners ~~and/or~~ arms of a key.

14. (Cancelled)

15. (Currently Amended) The method of claim 12, wherein comparing the first and second candidate groups to the set of stored words comprises applying an algorithm based on comparison with at least one of known vocabulary, probability of successive characters, frequency of words in language, sentence structure, topic ~~and/or~~ paragraph context.

16. (Currently Amended) ~~A~~ The method ~~in accordance with~~ of claim 12, ~~characterised in that it is applied~~ with a QWERTY-keyboard.

17. (Previously Presented) The method of claim 12, wherein the key is on a mobile station.

18. (Previously Presented) The method of claim 12, wherein the key is on a computer.

19. (Currently Amended) A method for recognizing a character from a pressed key on a keyboard comprising:

recognizing the pressed key based on pressure on the pressed key;

suggesting ~~selecting~~ a first character ~~as an evaluation character~~ from a plurality of characters assigned to the pressed key as a result of a pressure distribution on ~~a the pressed key capable of a plurality of actuations depending on the pressure distribution;~~

performing a first comparison of the ~~evaluation~~ suggested character to a character string to determine if the identified character is suitable with a previously selected character string and automatically accepting the ~~evaluation suggested~~ character as the recognized character if the ~~first comparison results in the evaluation suggested character being approved~~ is suitable with the previously selected character string;

performing a second comparison of the ~~evaluation~~ suggested character to the character string and to words and rules of a language and automatically accepting the ~~evaluation suggested~~ character as the recognized character if the ~~second comparison results in the first suggested character is suitable with the previously selected character string and the words and rules of the language being approved;~~ and

performing a third comparison of the ~~evaluation~~ suggested character to at least one of sentence context, syntax, structure and language and automatically accepting the ~~evaluation~~ suggested character as the recognized character if the ~~third comparison results in the first suggested~~ character being approved is suitable with the at least one of sentence context, syntax, structure and language.

20. (Currently Amended) The method of claim 19 further comprising:

automatically selecting a second character of the plurality of characters as the ~~evaluation~~ suggested character if the first, second, and third comparisons do not result in ~~approval~~ the first character being suitable; and

repeating the method of claim 19.

21. (Previously Presented) The method of claim 20 further comprising asking a user to verify one of the plurality of characters if the first, second, and third comparisons do not result in ~~approval~~ the first character being suitable.

22. (New) A method for recognizing a character from a pressed key on a keyboard comprising:

recognizing the pressed key based on pressure on the pressed key;

suggesting a first character from a plurality of characters assigned to the pressed key as a result of a pressure distribution on the pressed key;

performing a first comparison of the suggested character to a character string to determine if the identified character is suitable with a previously selected character string;

performing a second comparison of the suggested character to the character string and to words and rules of a language to determine if the suggested character is suitable with the previously selected character string and the words and rules of the language;

performing a third comparison of the suggested character to at least one of sentence context, syntax, structure and language to determine if the suggested character is suitable with the at least one of sentence context, syntax, structure and language; and

automatically accepting the suggested character as the recognized character on the basis of the recognition of the pressed key, the pressure distribution of the pressed key, and the first, second, and third comparisons.